

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120425AR\
 Data File : FF016837.D
 Signal(s) : FID2B.ch
 Acq On : 04 Dec 2025 11:39
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 05 01:12:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.001	2405693	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
6) S 2-Fluorobiphenyl (SURR)	8.877	1451620	20.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.941	3028103	20.578 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.595	2911687	21.191 ug/ml
2) T Naphthalene (C11.7)	6.272	2863407	21.053 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	2877671	21.262 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2805280	20.508 ug/ml
7) T Acenaphthene (C15.5)	8.974	2987708	20.818 ug/ml
8) T Flouorene (C16.55)	9.765	2711056	20.423 ug/ml
9) T Phenanthrene (C19.36)	11.172	2624219	20.206 ug/ml
10) T Anthracene (C19.43)	11.247	2371411	18.637 ug/ml
12) T Fluoranthene (C21.85)	12.995	2669373	20.338 ug/ml
13) T Pyrene (C20.8)	13.294	2696314	20.473 ug/ml
14) T Benzo[a]anthracene (C...	15.179	2233358	20.748 ug/ml
15) T Chrysene (C27.41)	15.221	2930788	21.183 ug/ml
16) T benzo[b]fluoranthene ...	16.742	2563732	21.706 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	2897607	22.483 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2531749	21.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.501	1507482	15.246 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	2574684	16.303 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	2204494	17.356 ug/ml

(f)=RT Delta > 1/2 Window

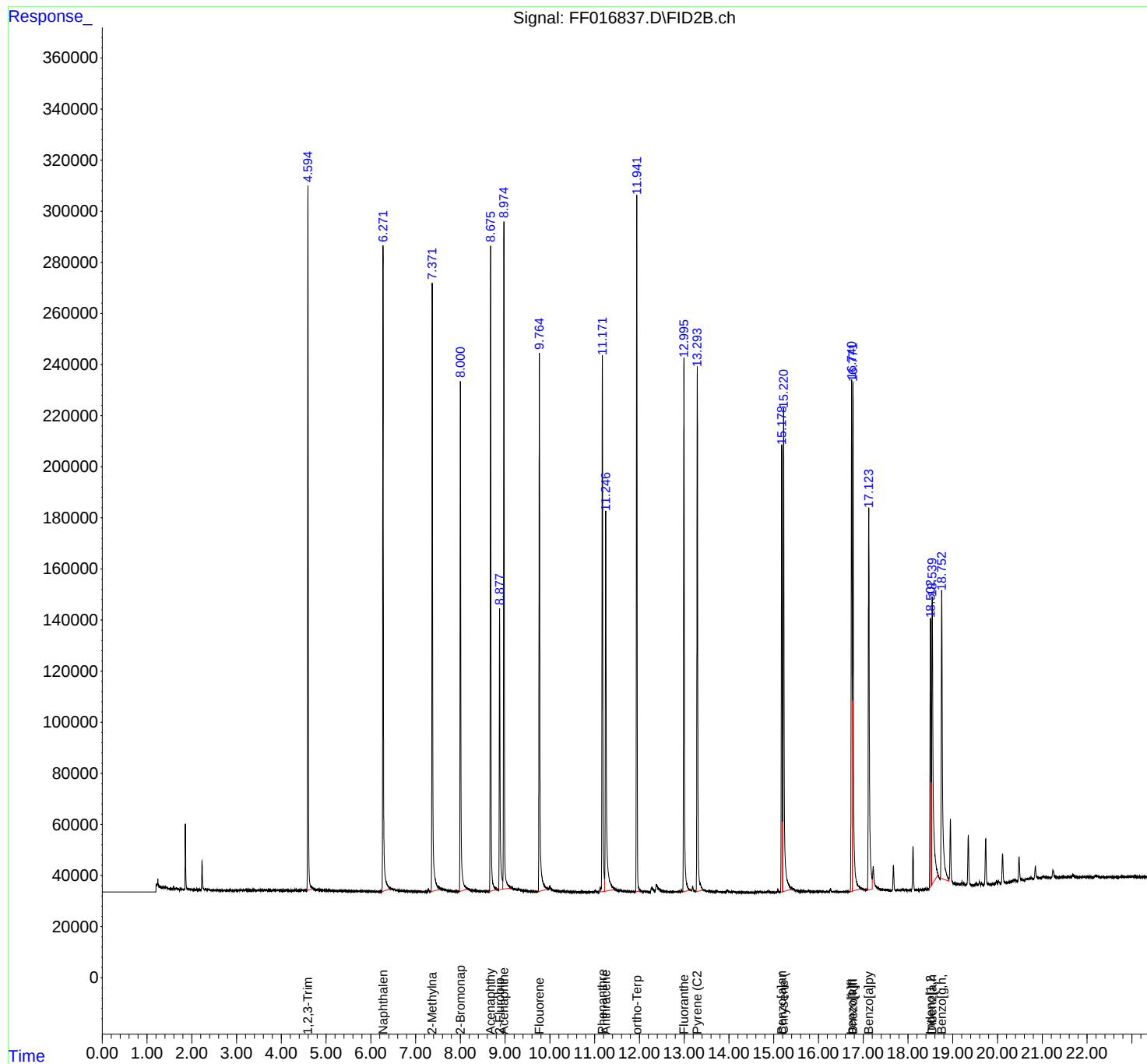
(m)=manual int.

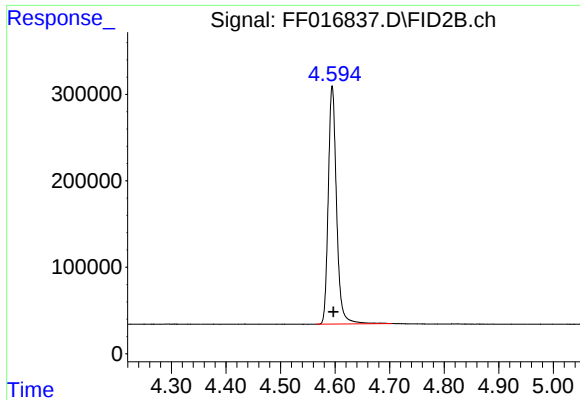
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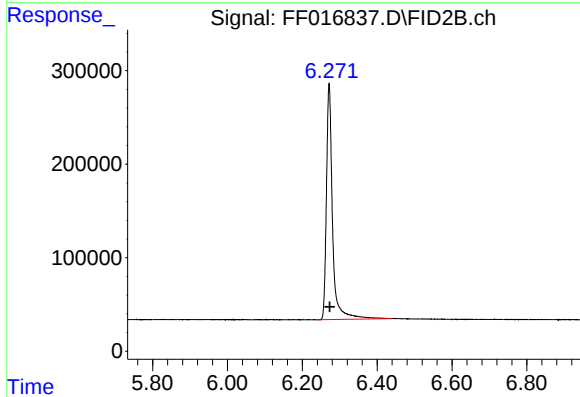




#1 1,2,3-Trimethylbenzene (C10.1)

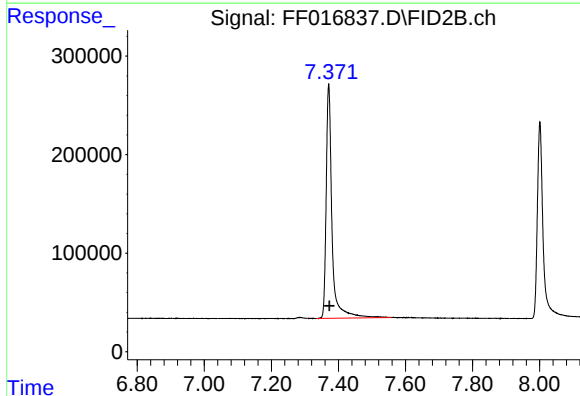
R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 2911687
Conc: 21.19 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



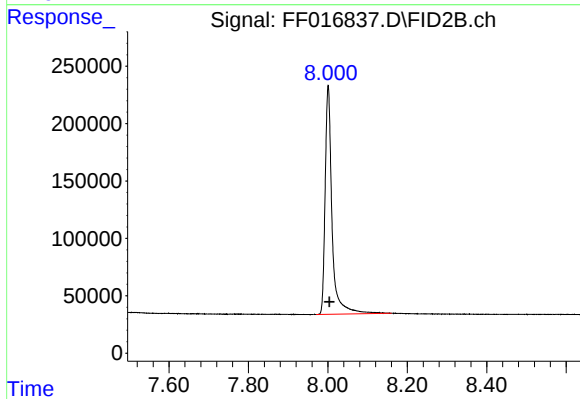
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 2863407
Conc: 21.05 ug/ml



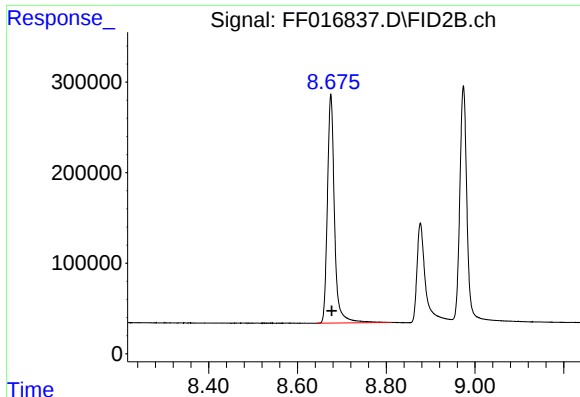
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 2877671
Conc: 21.26 ug/ml



#4 2-Bromonaphthalene (SURR)

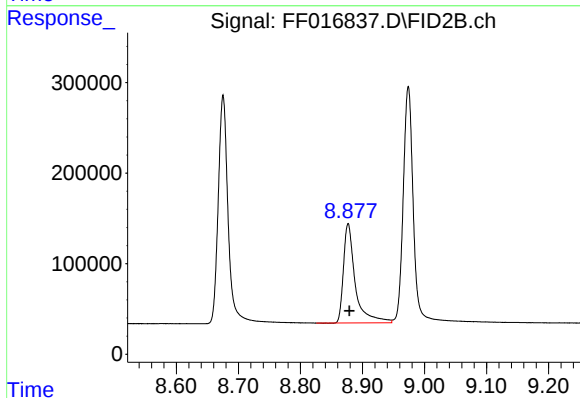
R.T.: 8.001 min
Delta R.T.: -0.002 min
Response: 2405693
Conc: 20.98 ug/ml



#5 Acenaphthylene (C15.06)

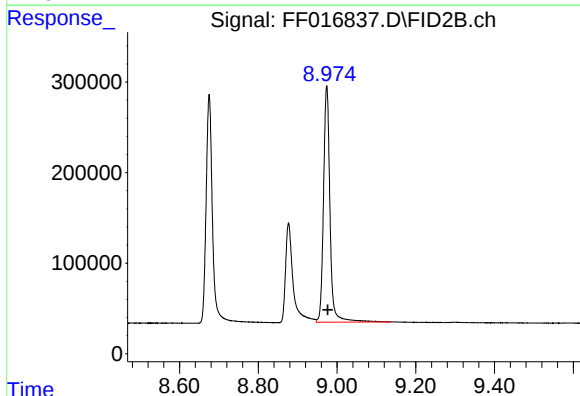
R.T.: 8.675 min
Delta R.T.: -0.002 min
Response: 2805280
Conc: 20.51 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



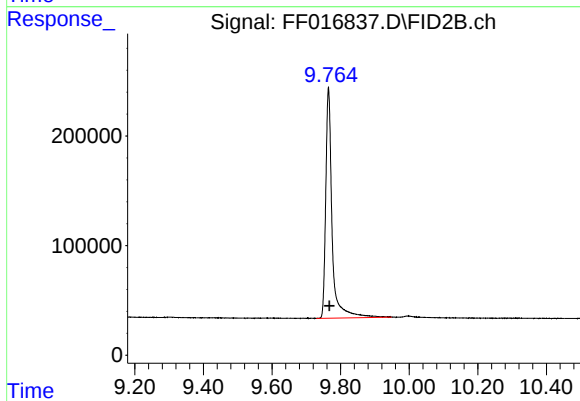
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 1451620
Conc: 20.48 ug/ml



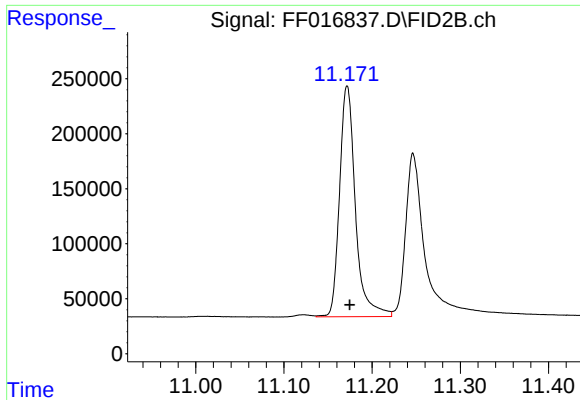
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: -0.003 min
Response: 2987708
Conc: 20.82 ug/ml



#8 Fluorene (C16.55)

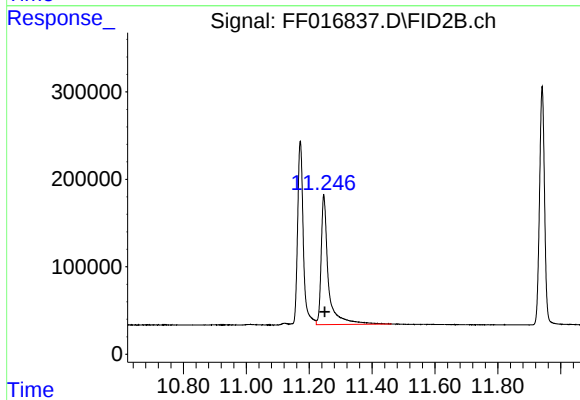
R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 2711056
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

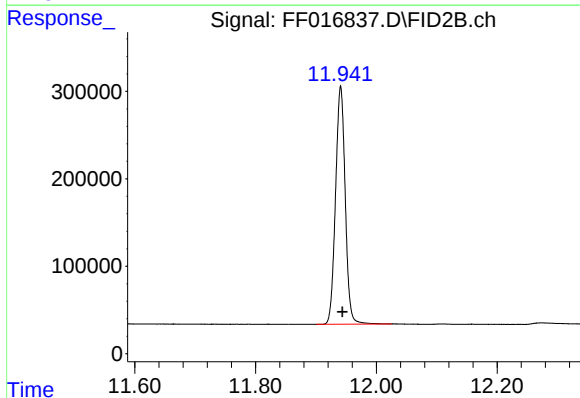
R.T.: 11.172 min
Delta R.T.: -0.003 min
Response: 2624219
Conc: 20.21 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



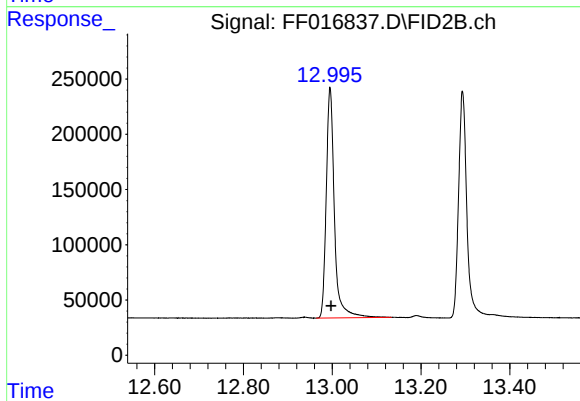
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: -0.003 min
Response: 2371411
Conc: 18.64 ug/ml



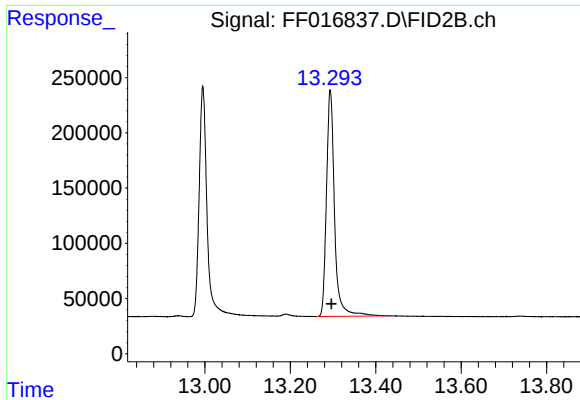
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.003 min
Response: 3028103
Conc: 20.58 ug/ml



#12 Fluoranthene (C21.85)

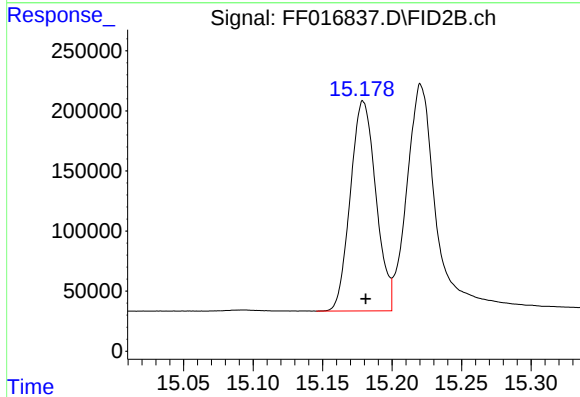
R.T.: 12.995 min
Delta R.T.: -0.003 min
Response: 2669373
Conc: 20.34 ug/ml



#13 Pyrene (C20.8)

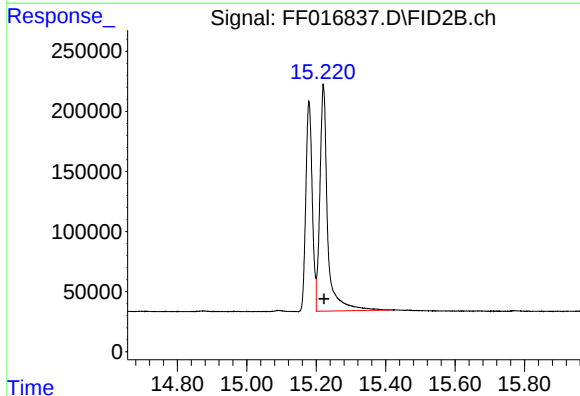
R.T.: 13.294 min
Delta R.T.: -0.003 min
Response: 2696314
Conc: 20.47 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



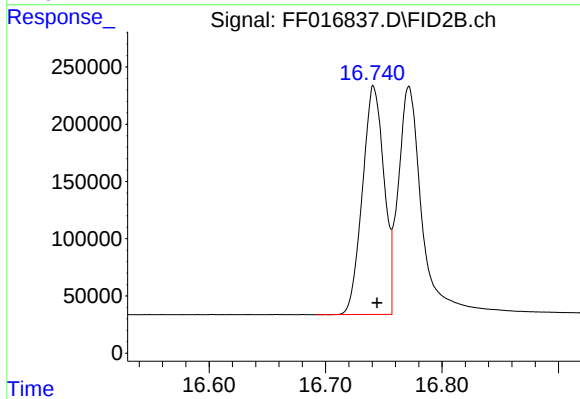
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min
Delta R.T.: -0.002 min
Response: 2233358
Conc: 20.75 ug/ml



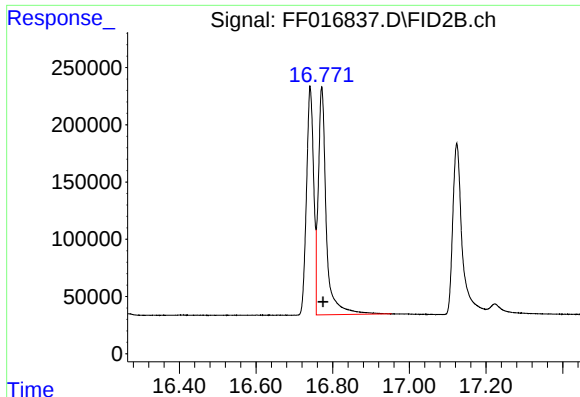
#15 Chrysene (C27.41)

R.T.: 15.221 min
Delta R.T.: -0.002 min
Response: 2930788
Conc: 21.18 ug/ml



#16 benzo[b]fluoranthene (C30.41)

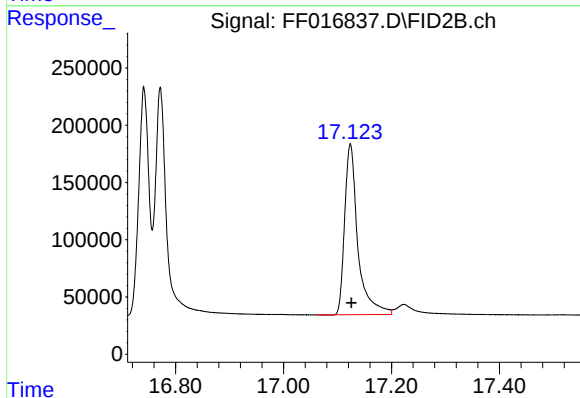
R.T.: 16.742 min
Delta R.T.: -0.003 min
Response: 2563732
Conc: 21.71 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

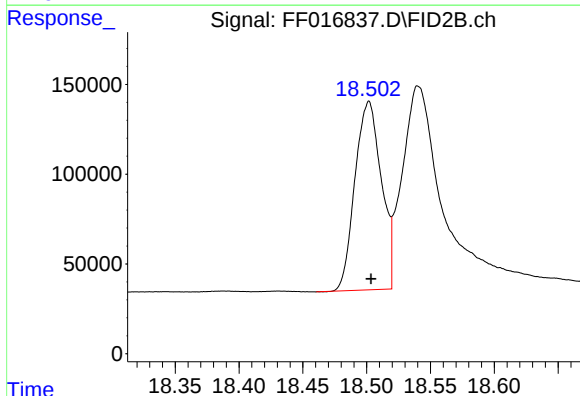
R.T.: 16.772 min
Delta R.T.: -0.003 min
Response: 2897607
Conc: 22.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



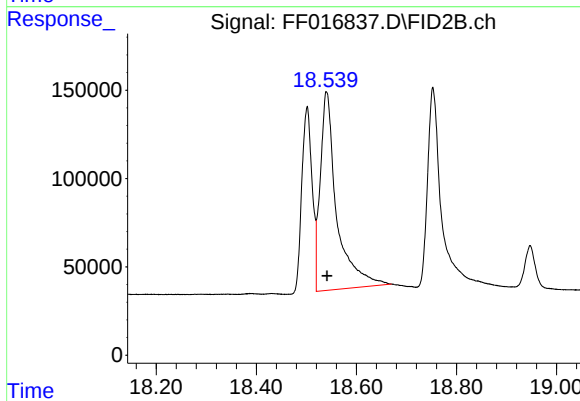
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: -0.002 min
Response: 2531749
Conc: 21.05 ug/ml



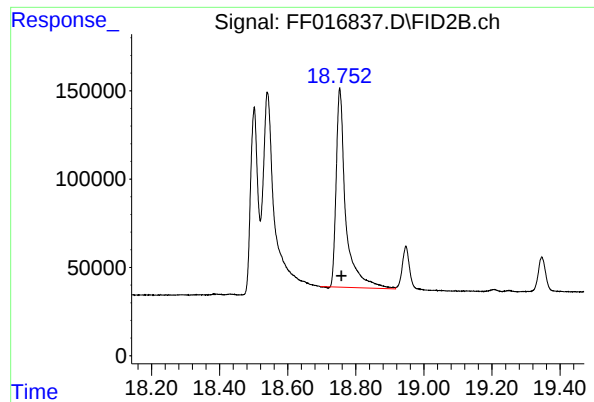
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.501 min
Delta R.T.: -0.002 min
Response: 1507482
Conc: 15.25 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 2574684
Conc: 16.30 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.753 min
Delta R.T.: -0.004 min
Response: 2204494
Conc: 17.36 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD